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[ABSTRACT]

In accordance with the present invention a radiation image
5 storage panel comprises a self-supporting or supported layer of
storage phosphor particles dispersed in a binding medium and,
adjacent thereto, a protective coating characterized in that,
besides a binder, the said protective coating comprises a white
pigment having a refractive index of more than 1.6, which is present
10 in the said binder, preferably further comprising a urethane
acrylate, and wherein said protective coating has a surface
roughness (R_z) between 2 and 10 μm .

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